

Barton Rural School



ICT Strategic Plan 2010 – 2011

Background and Rationale

Barton Rural is a school that is well resourced for buildings, grounds, staff and resources. During the 2005 Network review the school underwent an ICT upgrade as part of the property development. EDI money was used to begin the process of linking the property development with the children of the school through purchasing of computers and data projectors. This has continued as part of the ICTPD contract 2009-2011. Therefore the only barrier to progress ICT wise has been the limits our own imagination.

The New Zealand Curriculum challenges all schools to embody a vision of “young people who will be confident, connected, actively involved, lifelong learners.” The Barton Rural School motto reflects this; “Engage today, Confident and Connected Tomorrow ... Ready, Willing, Able”. Our involvement in the ICTPD cluster further underlines our commitment to ICT, e-learning and effective teacher pedagogy with the intent to provide ICT experiences for our students that are rich and relevant to their lives.

This Strategic Plan is therefore designed to reflect this determination on behalf of the school to provide challenging and yet supportive programmes for our learning community.

Vision for the role of ICT within the school for teaching, learning and administration

Students will have opportunities to experience and use a range of ICT in varying contexts and make decisions about the best tools for different jobs. ICT will assist students to develop their Key Competencies; Thinking, Relating to Others, Understanding Language Symbols and Text, Managing Self and Participating and Contributing. ICT will in particular enhance their ability to think and become self managed learners. Staff will be motivated to develop their own knowledge and skills related to ICT and have the confidence to incorporate ICT into their programmes wherever practicable.

Strategic Goals 2010 – 2011

1. Integrate ICT to give effect to the New Zealand Curriculum / Te Marautanga o Aotearoa.

Goals	Success Indicators
<p>1.1 Establish a clear understanding of effective pedagogies and the role of e-learning in implementing the revised New Zealand curriculum.</p> <p>1.2 Apply teaching and learning strategies which involve e-learning that are consistent with guidance given in the New Zealand Curriculum.</p>	<ul style="list-style-type: none"> The principal and teachers are engaging in professional reading and practicums that result in increased understanding of effective teaching and learning strategies. Teachers are planning and implementing teaching and learning strategies, involving e-learning, that are consistent with the school's vision as well as guidance provided by the New Zealand Curriculum.

2. Increase the capability of the principal and teachers to improve students' learning and achievement through e-learning.

Goals	Success Indicators
<p>2.1 Increase the confidence and capability of the principal and teachers to integrate e-learning into classroom programmes to personalise and enhance learning.</p> <p>2.2 Gather data on teachers' attitudes, understanding and skills in integrating e-learning strategies to improve students' learning and achievement, identify next steps for professional development, and measure progress against the previous year's data.</p>	<ul style="list-style-type: none"> Feedback from teachers indicates that they are engaging willingly and confidently in ICT PD. Teachers are applying e-learning strategies within their classrooms that personalise and enhance learning. Teachers are providing evidence of having reflected on the ways in which e-learning can enhance learning. Teachers are showing greater confidence and capability in their use of ICT for planning, assessment and reporting. Teachers have a clear understanding of their level and capability in integrating e-learning to improve student's learning and have identified their next steps for professional development.

3. Strengthen professional learning communities and increase collaboration in the school and with other schools.

Goals	Success Indicators
3.1 Continue to develop a strong professional learning community within the school and with other schools in which the principal and teachers are confident to share and collaborate.	<ul style="list-style-type: none"> • The principals and teachers are contributing with confidence to sharing sessions within the school and with other schools. • Online tools are being used successfully to share and collaborate.

4. Increase e-learning leadership and ICT strategic planning capability of the principal and teachers.

Goals	Success Indicators
4.1 Build a strong distributed leadership model in each school for leading the integration of ICT within teaching and learning.	Within each school there is an increasing number of teachers and students taking responsibility for leadership with ICT. Principals and Lead Teachers have a greater role in building the leadership capacity of others within each school.
4.2 Representatives from the school attend the Learning@School and/or ULearn conference and e-time bus tour.	As a consequence of staff attending the conference(s), the school gains a better understanding of the educational benefits of e-learning.
4.3 Review and refine the school's ICT strategic plan and monitor its implementation.	The ICT strategic plan has been reviewed and updated to ensure that it is meeting the school's needs, and is being implemented.
4.4 Provide opportunities for the principal and teachers to visit effective practice schools that can provide inspiration and challenges for enhancing their leadership skills and the vision needed to lead changes within the school.	The principal is leading changes in teaching practices within the school as a consequence of visits to other schools. Teachers are implementing improvements within the school as a consequence of their visits to other schools.

5. Increase the school community's understanding of the educational contribution of e-learning.

Goals	Success Indicators
5.1 Increase the community's understanding of the educational contribution of e-learning.	<ul style="list-style-type: none">• Where appropriate, communications with the community are showcasing examples of e-learning within the school and are providing opportunities for online feedback.• Feedback from parents and others within each school's community is showing a greater awareness and understanding of the educational contribution of e-learning.

6. Increase the physical ICT resources in the school to support students' learning and achievement.

Goals	Success Indicators
6.1 Develop and implement a two year plan to progressively update and increase the school's physical ICT resources to support students' learning and achievement.	<ul style="list-style-type: none">• The school has a workable, up-to-date plan that is being implemented effectively.• There is evidence that the ICT resources are helping to improve students' learning and achievement.
6.2 Review the ICT resources plan annually to ensure that it is meeting current and future school needs.	<ul style="list-style-type: none">• The ICT resources plan is reviewed annually and updated to reflect current knowledge of best practice.

Action Plan for 2010

GOALS Number	ACTIONS (What, How)	SUCCESS INDICATORS	PERSON(S) RESPONSIBLE (Who)	BUDGET	TIMEFRAME (When)
1. Integrate ICT to give effect to the New Zealand Curriculum / Te Marautanga o Aotearoa.					
1.1	All teachers engage in professional reading and attend practicums that provide them with skills to integrate thinking skills and ICT into the curriculum.	<ul style="list-style-type: none"> Curriculum documentation has increased references to developing thinking skills incorporating ICT. Teachers are increasingly aware of when and how to integrate ICT effectively to develop the key competencies. 	Teachers and Principal	Included in the school's contribution to the ICT PD cluster budget.	Ongoing throughout the year.
1.2	All teachers apply teaching and learning strategies that develop thinking skills and involve ICT.	<ul style="list-style-type: none"> Teachers are carrying out action research and sharing the outcomes of their students' learning with other teachers. 	Teachers and Principal		
2. Increase the capability of the principal and teachers to improve students' learning and achievement through e-learning.					
2.1	Increase the range of ICT applications students use and in ways that lead to more independent and collaborative learning.	<ul style="list-style-type: none"> Increased range of ICT applications being used. Teachers are using ICT in ways that result in more independent and collaborative learning. 	Principal and Teachers	Included in the school's contribution to the ICT PD cluster budget.	Ongoing throughout the year.
2.2	Develop and apply rubrics to enable the principal and teachers to critically examine their existing practices in using ICT and to identify the next steps for their	<ul style="list-style-type: none"> Through the use of rubrics the principal and teachers are increasingly able to quantify growth in their own capabilities and those of their students. 			

2.2	development. Implement an Action Research plan that enables all teachers to analyse and reflect on their progress in supporting students to develop their creativity, and capacity to take increasing responsibility for their learning.	<ul style="list-style-type: none"> Teachers and students are showing increasing skill in being able to identify their steps for development. All teachers engage in Action Research that enables them to identify the progress students are making as creative thinkers and in becoming more responsible for their learning. 			
3. Strengthen professional learning communities and increase collaboration in the school and with other schools.					
3.1	All teachers share progress and outcomes of their action research at the cluster wide meetings at the end of terms 2 and 4.	<ul style="list-style-type: none"> All teachers gain new knowledge and skills from their action research and are able to share these with other teachers in the school and cluster. 	Principal Lead Teacher Teachers	Included in the school's contribution to the ICT PD cluster budget.	Cluster wide sharing sessions on 30 June and 2 December.
4. Increase e-learning leadership and ICT strategic planning capability of the principal and teachers.					
4.2	Send the principal and lead teachers to the Learning@School conference and on visits to other schools to observe effective leadership strategies in relation to ICT integration (e.g. "eTime onTour")	<ul style="list-style-type: none"> The principal and lead teachers are applying leadership strategies picked up by attending the Learning@School conference and school visits. 	Principal Lead Teachers	Registration and travel costs beyond those covered by the cluster funding.	L@S, 24-26 Feb 2010
4.3	With the support of eTime, review and develop a two year ICT strategic plan that reflects the cluster vision and the school vision	<ul style="list-style-type: none"> The ICT strategic plan is completed, and consistent with the school's vision and cluster vision, and being implemented 			School visits, July 2010 End of term 1

5. Increase the school community's understanding of the educational contribution of e-learning.					
5.1	Develop and implement a plan for increasing the level of community awareness and understanding of how ICT is being used to improve student learning outcomes.	<ul style="list-style-type: none"> There is greater community awareness of the benefits of ICT for improving student learning being communicated by the school through celebrations of learning at school as well as online. 	Principal Lead Teachers Teachers	Catering costs for a student expo. Website costs.	Term 4 student showcase. Ongoing website updates.
6. Increase the physical ICT resources in the school to support students' learning and achievement.					
6.1	Develop a two-year costed upgrade plan. In 2010: <ul style="list-style-type: none"> Install 3PI interactive systems in all classrooms purchase 3 flip videos continue to finance the laptop replacement programme 	<ul style="list-style-type: none"> BOT approves the plan, which is workable. Items identified for purchase are acquired. Evidence from teachers and students indicates that they are being well used. 	BOT Principal ICT leaders	\$5,000	End of T1 End of T2 Mid T1 Mid T1 End of T4
6.2	Review the upgrade plan at the end of 2010.	<ul style="list-style-type: none"> Review completed and changes made to the plan if necessary. 	Principal		